

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-006149**Date Inspected:** 09-Apr-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Shi Lei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Segments**Summary of Items Observed:**

On this date CALTRANS OSM Quality Assurance (QA) Inspector Dan Hernandez was present during the times noted above for observations relative to the work being performed.

This QA Inspector observed the following work in progress:

Bay 2 OBG Assembly

Segment 1AE

Flux Cored Arc Welding (FCAW) of weld joint SSD34-PP8.5-370 located on lifting lug at Panel Point 8.5. Welder is identified as 045240. ZPMC QC is identified as Geng Wei. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Shielded Metal Arc Welding (SMAW) of weld joint SEG004-034 located on Deck Panel Splice. Welder is identified as 069896. ZPMC QC is identified as Geng Wei. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Segment 1AE

Flux Cored Arc Welding (FCAW) of weld joint SSD35A-PP90-003, 004 located on FB884. Welder is identified as 045240. ZPMC QC is identified as Geng Wei. The welding variables recorded by QC appeared to comply with

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the Applicable WPS.

Flux Cored Arc Welding (FCAW) of weld joint SSD36-PP9.5-003, 004 located on FB85A. Welder is identified as 067949. ZPMC QC is identified as Geng Wei. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 150-0042-2372 , who represents the Office of Structural Materials for your project.

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| Inspected By: | Hernandez,Dan | Quality Assurance Inspector |
| Reviewed By: | Carreon,Albert | QA Reviewer |
